

## Claims

1. Facility for an end customer for generating a connection between a telecommunications network of a network operator and an in-house power supply network of the end customer for rendering possible the transmission of telecommunications signals (POTS; ISDN; DSL) via the in-house power supply network of the end customer.
2. Facility according to Claim 1, wherein the facility comprises a filter for forwarding telecommunications signals (POTS; ISDN; DSL) and for blocking direct-current signals and the filter is connected between the telecommunications network and the in-house power supply network.
3. Facility according to Claim 1, wherein the facility comprises a filter for blocking telecommunications signals (POTS; ISDN; DSL) and for forwarding alternating-current signals and the filter is connected between the in-house power supply network of the end customer and a power supply network of a power network operator.
4. Facility according to Claim 2, wherein the filter is a high-pass filter with a limiting frequency in the range from 50 Hz to 70 Hz, or a bandpass filter with a lower limiting frequency in the range from 50 Hz to 70 Hz.
5. Facility according to Claim 3, wherein the filter is a low-pass filter with a limiting frequency in the range

from 50 Hz to 70 Hz, or a bandpass filter with an upper limiting frequency in the range from 50 Hz to 70 Hz.

- 5 6. Facility according to Claim 1, wherein the facility is designed as a power meter or fuse box with an interface to the telecommunications network or as a network termination or telecommunications exchange with a telecommunications interface to the in-house power supply network of the end customer.
- 10 7. Local, in-house power supply network of an end customer, comprising a facility for generating a connection between a telecommunications network of a network operator and the in-house power supply network of the end customer, for rendering possible the transmission of telecommunications signals (POTS; ISDN; DSL) via the in-house power supply network of the end customer.
- 15 8. Method for the transmission of telecommunications signals, in which telecommunications signals (POTS; ISDN; DSL) received from a telecommunications network of a network operator are forwarded via a local, in-house power supply network of an end customer.
- 20 9. Method according to Claim 8, wherein direct-current signals received from the telecommunications network of the network operator are not forwarded via the local, in-house power supply network of the end customer.
- 25 10. Method according to Claim 8, wherein telecommunications signals (POTS; ISDN; DSL) received from the local, in-house power supply network of the end customer are fed

into the telecommunications network of the network operator.

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